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Atty. Dkt. No. 004227 USA02/ETCH/SILICON/JB1

## COMBINED DECLARATION AND POWER OF ATTORNEY

COPY OF PAPERS  
ORIGINALLY FILED

As a below named inventor, I hereby declare that:

This declaration is of the following type:

- original  
 divisional  
 continuation  
 continuation-in-part

## INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

ETCH PATTERN DEFINITION USING A CVD ORGANIC LAYER AS AN ANTI-REFLECTION  
COATING AND HARDMASK

## SPECIFICATION IDENTIFICATION

The specification of which:

- is attached hereto  
 was filed on July 13, 2001 under Serial No. 09/905,172 or  
 Express Mail No. @ (as Serial No. not yet known)  
and was amended on \_\_\_\_\_ (if applicable)  
 was described and claimed in PCT International Application No. \_\_\_\_\_  
filed on \_\_\_\_\_ and as amended under PCT Article 19 on \_\_\_\_\_.

## ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56,

and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

- In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.

## PRIORITY CLAIM (35 U.S.C. §119)

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any foreign application(s) for patent or

inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

No such applications have been filed.

Such applications have been filed as follows:

- A. Prior foreign/PCT application(s) filed within 12 mos. (6 mos. for design) prior to this application, and any priority claims under 35 U.S.C. §119

<u>Country/PCT</u>	<u>Application No</u>	<u>Date Filed</u>	<u>Priority Claimed</u>
			[ ] Yes [ ] No
			[ ] Yes [ ] No
			[ ] Yes [ ] No

- B. All foreign application(s), if any, filed more than 12 mos. (6 mos for design) prior to this U.S. application

Country:

Application No:

Filing date:

#### PRIORITY CLAIM (35 U.S.C. §120)

I hereby claim the benefit under Title 35, United States Code, §120, of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information that is material to the examination of this application (namely, information where there is substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

No such applications have been filed  
 Such applications have been filed, as follows:

<u>Serial No.</u>	<u>Filing Date</u>	<u>Patented Pending</u>	<u>Status</u>
			Abandoned

#### POWER OF ATTORNEY

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Michael L. Sherrard	Registration No. 28,041
Peter J. Sgarbossa	Registration No. 25,610
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Lawrence Edelman	Registration No. 25,226
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Atty. Dkt. No. 004227 USA02/ETCH/SILICON/JB1

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Patent Counsel, MS/2061 Legal Affairs Dept. Applied Materials, Inc. P. O. Box 450A Santa Clara, CA 95052.	David B. Bonham 703-433-0510

#### DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full name of sole or first inventor: **David S. Mui**

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence: 48472 Arkansas Place, Fremont, CA 94539  
Post Office Address: Same

U.S.A.

Country of Citizenship: China

Full name of second inventor: **Wei Liu**

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence: 5035 Moor Park Ave., San Jose, CA 95129  
Post Office Address: Same

U.S.A.

Country of Citizenship: Canada

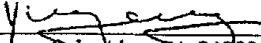
Full name of third inventor: **Thorsten Lill**

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence: 88 Muir Avenue, Santa Clara, CA 95051  
Post Office Address: Same

U.S.A.

Country of Citizenship: Germany

Full name of fourth inventor: Christopher Dennis Bencher  
Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence: 1251 Hazlett Court, San Jose, CA 95131  
Post Office Address: Same  
U.S.A. Country of Citizenship: U.S.A.

Full name of fifth inventor: Yuxiang May Wang  
Inventor's signature:  Date: 10/07/01  
Residence: 2569 Marshall Drive, Palo Alto, CA 94303  
Post Office Address: Same  
U.S.A. Country of Citizenship: China

Application No. 10/164,418  
Amdt. dated September 22, 2003  
Reply to Office Action of June 18, 2003  
Docket No. 8038-1007-1

The Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 25-0120 for any additional fees required under 37 CFR §1.16 or under 37 CFR §1.17.

Respectfully submitted,

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